

SYSTEM AND METHOD FOR DETERMINING OIL OR MINERAL DEPOSITS**Abstract of the Disclosure**

A system and method determines the probability of oil or mineral deposits. At least one data collection device collects elevation slope, magnetic and gravity data sets for a predetermined area of the earth's surface. A processor receives the elevation slope, magnetic and gravity data sets and applies the gravity and magnetic data sets in a transfer function to link the elevation slope data set to the likely presence of oil or mineral deposits.